

AMENDMENTS TO THE CLAIMS:

1.-6. (Cancelled)

7. (Previously presented) An HIV-1-infection suppression factor which suppresses R5 HIV-1 infection, wherein said suppression factor is produced by human CD4⁺ primed with dendritic cells (DC) pulsed with inactivated HIV-1 and has a molecular weight of more than 100 kDa, is not absorbed to heparin-Sepharose columns, and is inactivated by heating at 56 degrees Celsius for 30 min.

8. (Canceled)

9. (Previously presented) The HIV-1-infection suppression factor of claim 7, wherein the HIV-1 is R5 HIV-1 JR-CSF.

10. (Previously presented) The HIV-1-infection suppression factor of claim 7, wherein the factor is not lost its suppression activity by subjecting to neutralizing antibodies against human RANTES, MIP-1-alpha, MIP-1-beta, IFN-alpha, IFN-beta, IFN-gamma, IL-4, IL-10, IL-13, IL-16, MCP-1, MCP-3, TNF-alpha or TNF-beta.

11. (Previously presented) The HIV-1-infection suppression factor of claim 7, wherein the factor is not lost its suppression activity by subjecting to anti-beta-chemokine antibodies.

12.-18. (Cancelled)